

PI 550496 to 550497-continued

PI 550497 **origin:** United States. **origin institute:** Indiana Agr. Exp Sta., Iowa State University, Ames, Iowa 50011. **cultivar:** H103. **pedigree:** Mb 18-10(selection of PI 209135)/A545. **other id:** GP-89. **source:** Crop Sci. 21(3):477 1981. **group:** CSR-MAIZE. **remarks:** Dent corn. Kernels yellow. Stalk lodging, kernel weight, and ear size improved relative to parents. Maturity is AES700. Intermediate resistance to sorghum downy mildew, southern leaf blight and Stewart's wilt. Resistant to *Helminthosporium turcicum* races 1 and 2 and *Colletotrichum graminicola* leaf blight and stalk rot. Annual. Breeding Material. Seed.

PI 550498 to 550499. *Zea mays* L. subsp. *mays* POACEAE Corn

**Donated by:** Scott, G. E., Mississippi State University, Agronomy Department, Box 5248, State College, Mississippi, USA. Received 1980.

PI 550498 **origin:** United States. **origin institute:** Mississippi Agr. and Forestry Exp. Sta., Mississippi State University, State College, Mississippi 39762. **cultivar:** MpSWCB-4. **pedigree:** Developed from 2 cycles of recurrent selection for leaf feeding resistance in populations of Antigua Grupo 1, Antigua Grupo 2, Guadalupe Grupo 1A and Republica Dominicana Grupo 1. **other id:** GP-87. **source:** Crop Sci. 21(1):148 1981. **group:** CSR-MAIZE. **remarks:** Kernel colors range from yellow to orange. Root and stalk strength poor. Maturity is AES1200. Resistant to southwestern corn borer (*Diatraea grandiosella*), fall armyworm (*Spodoptera frugiperda*) and southern corn rust (*Puccinia polysora*). Annual. Breeding Material. Seed.

PI 550499 **origin:** United States. **origin institute:** Mississippi Agr. and Forestry Exp. Sta., Mississippi State University, State College, Mississippi 39762. **cultivar:** MP496. **pedigree:** Selection from a group of S4's in Antigua Gpo. 2 population. **other id:** PL-56. **source:** Crop Sci. 21(2):353 1981. **group:** CSR-MAIZE. **remarks:** Kernels orange. Leaves often speckled. Grain quality excellent. Root and stalk strength poor. Maturity is AES100. Good resistance to fall armyworm, first brood European corn borer, sorghum downy mildew and maize chlorotic dwarf. Moderate resistance to maize dwarf mosaic and southern corn rust. Resistant to southwestern corn borer. Annual. Breeding Material. Seed.